

# THE ROLE AND SIGNIFICANCE OF "ARCHITECTURAL COMPOSITION AND DESIGN FUNDAMENTALS" IN THE EDUCATION OF FUTURE ARCHITECTS

Mamajonov Mukhtarjon  
Andijan Institute of Economics and Construction  
Assistant of the "Architecture and Construction" Department

ABSTRACT	KEYWORDS
This article provides information on "the role and importance of the science of architectural composition and design principles and the relevance of this science in the educational process" in the education of future architects.	Architecture, Construction, composition, creativity, spatial imagination, project, architectural drawing, orthogonal drawing.

## Introduction

In recent years, under the leadership of the president of our republic, Sh. Mirziyoyev, great attention has been paid to the education sector as well as to all other sectors. Changes and renovations that are rapidly progressing in all regions of our republic are causing an increase in the demand for qualified personnel in the construction industry. Currently, such personnel are being trained in the "Architecture and Construction" fields of study in higher educational institutions operating in our republic. The role of the science "Architectural Composition and Design Fundamentals" in training these specialists and developing their creative abilities is incomparable. In the years of our republic's independence, professors and teachers of TAQI and SamDAQI higher educational institutions wrote and published several teaching manuals, lecture texts and methodical instructions for students' independent work on the subject "Architectural composition and design basis". done.

Among them are M. Rozikberdiyev's "Small Architectural Forms" textbook (1995), "Fundamentals of Architectural Design" textbook (2000), D. Askarova, M. Miryusupova's "Small Architectural Forms Study Guide (2005), A. Oralov, A. Rahimov, B. Saidovalam's Study Guide "Fundamentals of Architectural Composition and Design" (2005), A. Oralov, T. Koshmanov, Sh. The text of Togizov's lectures on "Fundamentals of Architectural Design" (2005), "Fundamentals of Architectural Design" written by A. Oralov and others (2010) and a number of other textbooks are included.

The main part. In the process of training future architects, the importance of the subject "Architectural composition and design fundamentals" and the role of theoretical and practical exercises taught in the 1st-2nd years of this subject are significant.

During the teaching of this subject, the basic concepts of architecture, the main types of architectural drawing, and the basics of representation and design are explained to the students.

The general definition of architecture is as follows: architecture is the art of creating a spatial environment for human and social activities, human life, work, and life in general. The purpose and tasks of architecture is that the main task of architecture is to create an organized space or environment for living, working and resting. However, his task is not limited to this. It is known that any environment affects people's psyche and the formation of their consciousness. Because the dimensional forms and material environment used in architecture have some attractive appearance or information that can positively or negatively affect people's taste and mind.

The role of the subject "Architectural composition and design fundamentals" is important in mastering all the above-mentioned features, forming spatial perception and shaping the creative abilities of future architects. The following topics are taught during the teaching of this subject.

## **Part I. General information about architecture**

- 1.1. Concept of architecture
- 1.2. Architectural features
- 1.3. Branches of architecture

## **Part II. The main types of architectural drawings**

- 2.1. About the architectural drawing
- 2.2. Orthogonal drawings
- 2.3. Architectural warrants
- 2.4. Dimensional drawings of the architectural form
- 2.5. Academic coloring exercise
- 2.6. Architectural plate image
- 2.7. Font composition
- 2.8. A picture of the general view of the building

## **Part III. Basics of design**

- 3.1. Design is a creative process
- 3.2. Factors influencing the architectural solution
- 3.3. The method of carrying out the educational project
- 3.4. Small architectural forms

During the training of future architects, these topics develop their understanding of architecture, learn the basics of architectural design, what an architectural project consists of, the architectural solution of the project, and the harmony of the composition.

In short, the teaching of "Architectural Composition and Design Fundamentals" is the core of the process of training future architects. However, with the development of today's technology, the demand for new modern textbooks and training manuals on this subject is increasing.

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